

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
01017/35136Serial No. 01017/35136
To be determined

INFORMATION DISCLOSURE STATEMENT

Applicant
Zsebo, K. *et al.*Filing Date
To be determinedGroup
To be determined

(Use several sheets if necessary)

12/31/1998

U.S. PATENT DOCUMENTS

*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
A1		4,847,325	07/11/89	Shadle <i>et al.</i>	525	54.1	
A2		4,959,455	09/25/90	Clark <i>et al.</i>	530	351	
A3		5,767,074	06/16/98	Besmer, P. <i>et al.</i>	514	12	
A4		5,786,323	07/28/98	Nakahata, T.	514	2	
A5		5,772,992	06/30/98	Bauer, S.C. <i>et al.</i>	424	85.2	

FOREIGN PATENT DOCUMENTS

*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
B1		JP 62-223126	10/01/87	JP				
B2		WO 95/06112	03/02/95	WIPO				
B3		WO 98/18924	05/07/98	WIPO				
B4		EP 0 845 268 A2	06/03/98	EPO				
B5		WO 98/23773	06/04/98	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

C1	Bodine <i>et al.</i> , "Combination of Interleukin 3 and 6 Preserves Stem Cell Function in Culture and Enhances Retrovirus-Mediated Gene Transfer Into Hematopoietic Stem Cells," <i>Proc. Nat'l Acad. Sci., USA</i> , 86:8897-8901 (1989).
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C2	Broxmeyer et al., "Cell-Free Granulocyte Colony Inhibiting Activity Derived from Human Polymorphonuclear Neutrophils," <i>Exp. Hemat.</i> , 5:87-102 (1977).
C3	Dexter, T.M., "Haemopoietic Growth Factors," <i>British Medical Bulletin</i> , 45(2):337-349 (1989).
C4	Dick et al., "Introduction of New Genes into Hematopoietic Stem Cells," <i>J. Cell. Biol., Supplement 11A</i> , p.187 (1987) (ABSTRACT D 026).
C5	Dick et al., "Introduction of Selectable Gene into Primitive Stem Cells Capable of Long-Term Reconstitution of the Hemopoietic System of W/W ^v Mice," <i>Cell</i> , 42:71-79 (1985).
C6	Hiraoka et al., "Further Characterization of the Biological Properties of Human Hematopoietic Survival and Growth Factor," <i>Expl. Cell. Biol.</i> , 57:27-34 (1989).
C7	Hiraoka et al., "Human Hematopoietic Survival and Growth Factor," <i>Cell Biology International Reports</i> , 10(5):347-355 (1986).
C8	Hiraoka et al., "Monoclonal Antibodies Against Human Hematopoietic Survival and Growth Factor," <i>Biomed. Biochim. Acta</i> , 46(5):419-427 (1987).
C9	Hiraoka et al., "Production of Human Hematopoietic Survival and Growth Factor by a Myeloid Leukemia Cell Line (KPB-M15) and Placenta as Detected by a Monoclonal Antibody," <i>Cancer Research</i> , 47:5025-5030 (1987).
C10	Hollands, "Differentiation of Embryonic Haemopoietic Stem Cells from Mouse Blastocysts Growth in Vitro," <i>Development</i> , 102:135-141 (1988).
C11	Humphries et al., "Aplastic Anemia and Stem Cell Biology," <i>Aplastic Anemia: Stem Cell Biology and Advances in Treatment</i> , Alan R. Liss, Inc., New York, New York, pp. 3-12 (1984).
C12	Jones et al., "Cyclic Hematopoiesis: Animal Models," <i>Exp. Hematol.</i> , 11(7):571-580 (1983).

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C13

Kamamoto *et al.*, "Establishment of Two Ph¹ Chromosome-Positive Cell Lines, KPB-M8 and KPB-M15," *Jpn. J. Clin. Oncol.*, 16(2):107-115 (1986).

C14

Kriegler *et al.*, "Partial Purification and Characterization of a Growth Factor for Macrophage Progenitor Cells with High Proliferative Potential in Mouse Bone Marrow," *Blood*, 60(2):503-508 (1982).

C15

Langley *et al.*, "Soluble Stem Cell Factor in Human Serum," *Blood*, 81(3):656-660 (1993).

C16

Lyman *et al.*, "Molecular Cloning of a Ligand for the flt3/flk-2 Tyrosine Kinase Receptor: A Proliferative Factor for Primitive Hematopoietic Cells," *Cell*, 75:1157-1167 (1993).

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March *et al.*, "Cloning, Sequence and Expression of Two Distinct Human Interleukin-1 Complementary DNAs," *Nature*, 315:641-647 (1985).

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Martin *et al.*, "Primary Structure and Functional Expression of Rat and Human Stem Cell Factor DNAs," *Cell*, 63:203-211 (1990).

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Martin, P., "HEL Cells: A New Human Erythroleukemia Cell Line with Spontaneous and Induced Globin Expression," *Science*, 216:1233-1235 (1982).

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McDermott *et al.*, "Inhibition of Cell Proliferation in Renal Failure and Its Significance to the Uraemic Syndrome: A Review," *Scot. Med. J.*, 20:317-327 (1975).

C21

McNiece *et al.*, "Studies on the Myeloid Synergistic Factor From 5637: Comparison with Interleukin-1 Alpha," *Blood* 73(4):919-923 (1989).

C22

Moore, M.A.S., "Clinical Implications of Positive and Negative Hematopoietic Stem Cell Regulators," *Blood*, 78(1):1-19 (1991).

C23

Mori *et al.*, "Myeloproliferative Sarcoma Virus Stimulates Pluripotent Hematopoietic Stem Cells and Provokes Tumoral Transformation of the Hematopoietic Microenvironment *in Vitro*," *Leukemia Research*, 7(1):77-86 (1983).

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92	C24	Nabel <i>et al.</i> , "Inducer T Lymphocytes Synthesize a Factor That Stimulates Proliferation of Cloned Mast Cells," <i>Nature</i> , 291:332-334 (1981).
1	C25	Qui <i>et al.</i> , "Primary Structure of <i>c-kit</i> : Relationship with the CSF-1/PDGF Receptor Kinase Family-Oncogenic Activation of <i>v-kit</i> Involves Deletion of Extracellular Domain and C Terminus," <i>EMBO J.</i> , 7(4):1003-1011 (1988).
	C26	Schrader, "Role of a Single Haemopoietic Growth Factor in Multiple Proliferative Disorders of Haemopoietic and Related Cells," <i>Lancet</i> , 2:133-137 (1984).
	C27	Spangrude <i>et al.</i> , "Purification and Characterization of Mouse Hematopoietic Stem Cells," <i>Science</i> , 214:58-62 (1988).
	C28	Watson <i>et al.</i> , "Molecular Cloning of the Polypeptide Factors That Stimulate Growth, Maturation, and Function of Blood Cells ⁶⁰⁻⁶⁶ ," <i>Molecular Biology of the Gene</i> , Fourth Edition, pp.983-992 (1987).
	C29	Welte <i>et al.</i> , "Recombinant Human Granulocyte Colony-Stimulating Factor," <i>J. Exp. Med.</i> , 165:941-948 (1987).
	C30	Yarden <i>et al.</i> , "Human Proto-Oncogene <i>c-kit</i> : a New Cell Surface Receptor Tyrosine Kinase for an Unidentified Ligand," <i>EMBO J.</i> , 6(11):3341-3351 (1987).
	C31	Zajicek, "Inflammation Initiates Cancer by Depleting Stem Cells," <i>Medical Hypotheses</i> , 18:207-219 (1985).
	C32	Zsebo <i>et al.</i> , "Effects of Hematopoietin-1 and Interleukin 1 Activities on Early Hematopoietic Cells of the Bone Marrow," <i>Blood</i> , 71(4):962-968 (1988).
	C33	Zsebo <i>et al.</i> , "Stem Cell Factor Is Encoded at the <i>Sl</i> Locus of the Mouse and Is the Ligand for the <i>c-kit</i> Tyrosine Kinase Receptor," <i>Cell</i> , 63:213-224 (1990).

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